

Declass Review by NIMA/DOD

24 April 1962

APD

MEMORANDUM FOR: Chief, Administrative Staff, NPIC

SUBJECT: Disposition of [] Electronic Rectifiers

REFERENCE: Memorandum for the Record from [] dated 24 April 1962; subject: Rectifiers

1. PROBLEM:

Disposition of the two [] Electronic Rectifiers presently destined for [] TID/TAS must be resolved immediately.

2. FACTS:

a. There is an agreement in hand, signed by [] of AMS, and NPIC, which states, in effect, that AMS will provide housing for the two electronic rectifiers until the space is ready in [] provided that NPIC furnishes an operator and training for their people on the equipment.

b. AMS has received the first rectifier, found space for it, and it is currently installed in a shielded room* provided by NPIC and is being operated by a contract employee from [] also furnished by NPIC.

c. The second rectifier, referred to under the agreement with AMS, is scheduled to arrive within a month or so and will require space at AMS and the same type of shielded enclosure.

d. AMS, in its present space availability situation, is having difficulty finding a proper room to house the second rectifier.

e. It is desirable to keep both rectifiers in close proximity because of the availability of only one contract operator.

f. NPIC has received a proposal from [] to modify one of these rectifiers to provide it with a greater capability so that it can accommodate materials currently being received.

* "Shielded rooms," as referred to here, are for the purpose of preventing external electronic signals from interfering with the fidelity of operation of the equipment, not for preventing signals from the equipment from escaping to the outside world, as might be required for security purposes, though the shielding would undoubtedly serve both purposes.

2. These rectifiers should not be considered production instruments, since they were designed for quite different photography than that now being received and are considered by the undersigned to be only Mark II prototype instruments at present.

3. ASSUMPTIONS:

25X1A a. There is some question as to whether shielded rooms should be built into the TID/TAB area in [] to accommodate these rectifiers.

b. Unless this question is resolved, this may present a delay in the completion of at least some portion of []

c. The present trend in NPIC toward the use of computer-produced, rectified plots in lieu of rectified photographic imagery will continue.

4. RECOMMENDATIONS:

25X1A a. Leave the rectifier and shielded room that are in AMS at their present location and inform [] that this equipment can remain there for whatever use he can make of it.

25X1A b. Agree with [] to keep [] on as an operator/instructor at AMS for a period of time suitable for an AMS person to be adequately instructed as an operator.

25X1A c. Leave the next rectifier at [] as the instrument for modification.

d. Do not contract for any additional shielded enclosures.

e. Do not provide for inclusion of shielded rooms in [] to accommodate electronic rectifiers.

25X1A f. Upon modification of the next rectifier, evaluate its potential, determine the NPIC need for the equipment and, if it is deemed desirable to install it in [] negotiate for a shielded enclosure in which to house it.

g. If, upon completion of the Mark III prototype, it is decided that the machine is of questionable application to NPIC's problems, consider whether to continue the development work with the basic machine in the hopes of eventually sponsoring the fabrication of a production-type electronic rectifier or to terminate the effort.

[]
Chief, TP & DS

CONCUR:

Chief, TID

Date